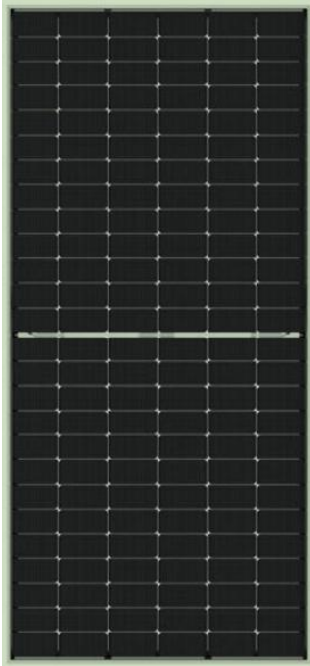


产品介绍》

HfMcNH系列
N型单晶硅双玻光伏组件
N-Mono crystalline
Double Glass
Solar Module
610/615/620/625/630W



高转换率 High Efficiency

采用先进的制造工艺的太阳能电池，组件转换效率最高可达22.54%
 Advanced solar cell technology ensures, The high module efficiency up to 22.54%.



正公差保证 Positive Tolerance

0 ~ +5W的组件功率保证
 Module guarantees a positive -only power tolerance of 0 to +5w to bring extra benefit.



出色的承载能力 Strong Load Capacity

组件通过了高达2400Pa风载以及5400Pa雪载的认证检测
 Module is capable to withstand 2400Pa wind loads and 5400Pa Snow loads.



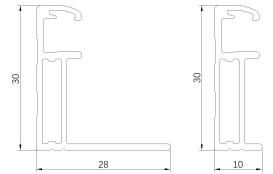
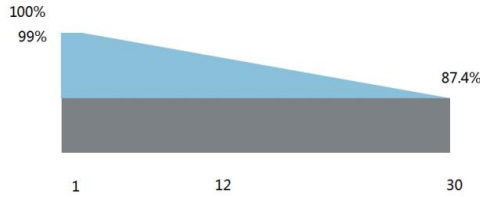
可靠的产品质量 Reliable quality

产品制造符合ISO9001国际质量管理体系
 Module is manufactured in accordance with international quality standards ISO9001



优异的防护性能 Higher Weatherproof Rating

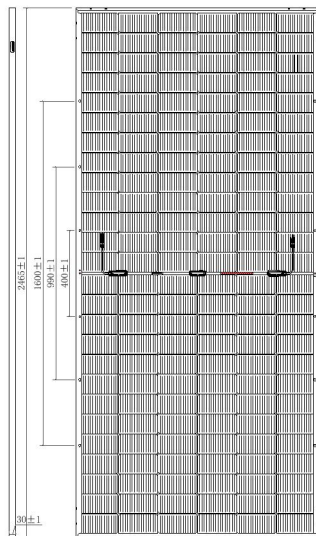
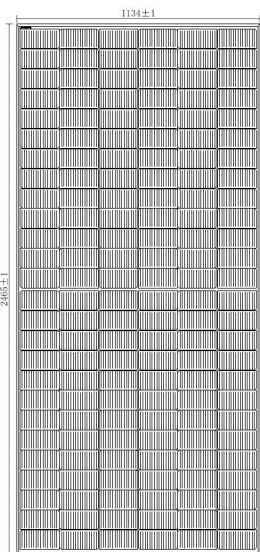
接线盒提供高达IP68的防护等级
 J-Box performs module with an environmental protection rating to IP68.



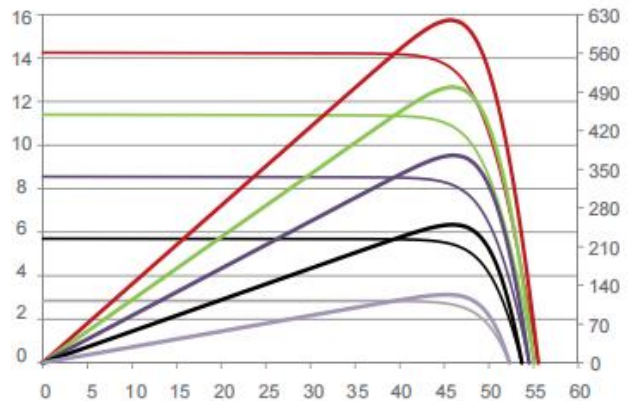
线性输出功率保证 Linear output power guaranteed

12年产品质保 12 year product warranty

30年线性输出功率保证 30years linear power output



电流电压及功率电压曲线图 (GEP-HfMc620NH)



电气参数 Electrical Characteristics

| 标准测试条件 (STC) | GEP-HfMc610NH | GEP-HfMc615NH | GEP-HfMc620NH | GEP-HfMc625NH | GEP-HfMc630NH |
|---|-----------------|---------------|---------------|---------------|---------------|
| 最大功率 (Pmax) Maximum Power (Pmax) | 610W | 615W | 620W | 625W | 630W |
| 功率公差 Tolerance of power | 0/+5W | | | | |
| 最大功率点的工作电压(Vmp) Maximum Power Voltage(Vmp) | 45.59V | 45.69V | 45.79V | 45.92V | 46.02V |
| 最大功率点的工作电流(Imp) Maximum Power Current(Imp) | 13.38A | 13.46A | 13.54A | 13.61A | 13.69A |
| 开路电压(Voc) Open Circuit Voltage(Voc) | 55.25V | 55.40V | 55.55V | 55.70V | 55.85V |
| 短路电流(Isc) Short Circuit Current (Isc) | 14.11A | 14.18A | 14.25A | 14.32A | 14.39A |
| 组件效率 Module Efficiency | 21.82% | 22.00% | 22.18% | 22.36% | 22.54% |
| 组件工作温度 Operating module Temperature | - 40°C to +85°C | | | | |
| 最大系统电压 Maximum system(DC) Voltage | DC1500V(IEC) | | | | |
| 最大保险丝额定电流 Series Fuse Rating | 30A | | | | |
| 额定电池工作温度(NOCT)* NOCT* | 42±2°C | | | | |
| 最大功率温度系数 Temperature Coefficients of Pmax | - 0.30%/°C | | | | |
| 开路电压温度系数 Temperature Coefficients of Voc | - 0.25%/°C | | | | |
| 短路电流温度系数 Temperature Coefficients of Isc | + 0.046%/°C | | | | |

机械参数 MECHANICAL CHARACTERISTICS

| | |
|-------------------------|---|
| 电池类型 Solar Cell | N型单晶182×91mm 16主栅线 N-Mono crystalline 182×91mm16BB |
| 电池数量 Number of cells | 156 (6×26) |
| 组件尺寸 Dimensions | 2465×1134×30mm |
| 重量 Weight | 34.2Kg |
| 前玻璃 Front Glass | 2.0mm钢化玻璃 front glass |
| 背面玻璃 Back Glass | 2.0mm钢化玻璃 Back Glass |
| 边框 Frame | 阳极氧化铝合金 Anodized aluminum alloy |
| 接线盒 Junction Box | IP68防护等级 rated |
| 电缆 Cable | 4mm²光伏电缆 solar cable 300mm/客户定制长度 customized length |
| 接插头 Connector | MC4 PV-XT101.1/Z4S-abcde |
| 双面率 Double-sided factor | 80%±6% |

包装方式 PACKING CONFIGURATION

| | |
|---------------------------|------|
| | 40HC |
| 单托组件数量 Pieces per pallet | 36 |
| 托盘数 pallets per container | 16 |
| 组件总数 Pieces per container | 576 |

注意 NOTE :

1.产品设计或具体规范参数如有更改,恕不另行通知。Design and specifications are subject to change without prior notice.

2.请参阅组件安装手册或联系我们以保障产品的正确安装与使用。Refer to the installation and operating manual or contact Green energy power Renewable for detailed information on approved installation and use of this product.